



1600

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/691,219

DATE: 11/22/2002

TIME: 08:51:27

Input Set : A:\SEQLIST\_894.TXT

Output Set: N:\CRF4\11222002\I691219.raw

4 <110> APPLICANT: WEI, Ming-Hui et al.  
 6 <120> TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,  
 7 NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,  
 8 AND USES THEREOF  
 10 <130> FILE REFERENCE: CL000894  
 12 <140> CURRENT APPLICATION NUMBER: US 09/691,219  
 13 <141> CURRENT FILING DATE: 2000-10-19  
 15 <160> NUMBER OF SEQ ID NOS: 4  
 17 <170> SOFTWARE: FastSEQ for Windows Version 4.0

## ERRORED SEQUENCES

Does Not Comply  
Corrected Diskette Needed

307 <210> SEQ ID NO: 4  
 308 <211> LENGTH: 358  
 309 <212> TYPE: PRT  
 310 <213> ORGANISM: Rattus norvegicus  
 312 <400> SEQUENCE: 4  
 313 Ala Ser Arg Ser Phe Phe Gly Ala Leu Trp Lys Ser Glu Ala Ser Arg  
 314 1 5 10 15  
 315 Ile Pro Pro Val Asn Leu Pro Ser Val Glu Leu Ala Val Gln Ser Asn  
 316 20 25 30  
 317 His Tyr Cys His Ala Gln Lys Asp Ser Gly Ser His Pro Asn Ser Glu  
 318 35 40 45  
 319 Lys Gln Arg Ala Arg Arg Lys Leu Tyr Val Ala Ser Ala Ile Cys Leu  
 320 50 55 60  
 321 Val Phe Met Ile Gly Glu Ile Ile Gly Gly Tyr Leu Ala Gln Ser Leu  
 322 65 70 75 80  
 323 Ala Ile Met Thr Asp Ala Ala His Leu Leu Thr Asp Phe Ala Ser Met  
 324 85 90 95  
 325 Leu Ile Ser Leu Phe Ser Leu Trp Val Ser Ser Arg Pro Ala Thr Lys  
 326 100 105 110  
 327 Thr Met Asn Phe Gly Trp Gln Arg Ala Glu Ile Leu Gly Ala Leu Leu  
 328 115 120 125  
 329 Ser Val Leu Ser Ile Trp Val Val Thr Gly Val Leu Val Tyr Leu Ala  
 330 130 135 140  
 331 Val Gln Arg Leu Ile Ser Gly Asp Tyr Glu Ile Lys Gly Asp Thr Met  
 332 145 150 155 160  
 333 Leu Ile Thr Ser Gly Cys Ala Val Ala Val Asn Ile Ile Met Gly Leu  
 334 165 170 175  
 335 Ala Leu His Gln Ser Gly His Gly His Ser His Gly His Ser His Glu  
 336 180 185 190  
 337 Asp Ser Ser Gln Gln Gln Gln Asn Pro Ser Val Arg Ala Ala Phe Ile

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```

338          195          200          205
339 His Val Val Gly Asp Leu Leu Gln Ser Val Gly Val Leu Val Ala Ala
340          210          215          220
341 Tyr Ile Ile Tyr Phe Lys Pro Glu Tyr Lys Tyr Val Asp Pro Ile Cys
342 225          230          235          240
343 Thr Phe Leu Phe Ser Ile Leu Val Leu Gly Thr Thr Leu Thr Ile Leu
344          245          250          255
345 Arg Asp Val Ile Leu Val Leu Met Glu Gly Thr Pro Lys Gly Val Asp
346          260          265          270
347 Phe Thr Thr Val Lys Asn Leu Leu Ser Val Asp Gly Val Glu Ala
348          275          280          285
349 Leu His Ser Leu His Ile Trp Ala Leu Thr Val Ala Gln Pro Val Leu
350          290          295          300
351 Ser Val His Ile Ala Ile Ala Gln Asn Val Asp Ala Gln Ala Val Leu
352 305          310          315          320
353 Lys Val Ala Arg Asp Arg Leu Gln Gly Lys Phe Asn Phe His Thr Met
354          325          330          335
355 Thr Ile Gln Ile Glu Ser Tyr Ser Glu Asp Met Lys Ser Cys Gln Glu
356          340          345          350
357 Cys Gln Gly Pro Ser Glu
358          355

```

E--&gt; 360 (1)

**VERIFICATION SUMMARY**

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L:243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:7380  
L:360 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:4